HERNANDO BEACH CHANNEL NAVIGATION STUDY

Presentation Format

- Process Overview
- Work Completed To Date
- Ongoing Efforts
- Funding
- Scheduling

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Process Overview

- Request by the people
- Reconnaissance Phase
- *****Feasibility Phase*****
- Preconstruction Engineering and Des
- Construction
- Operations and Maintenance

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Feasibility Phase
Work Completed To Date

- Aerial photographs
- Hydrographic surveys
- Preliminary environmental coordina
- Hazardous, Toxic, and Radioactive Waste Assessment

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Ongoing Efforts

- Acquisition of engineering data
- Plan formulation
- National Environmental Policy Act (N
  coordination
- Benefits analysis

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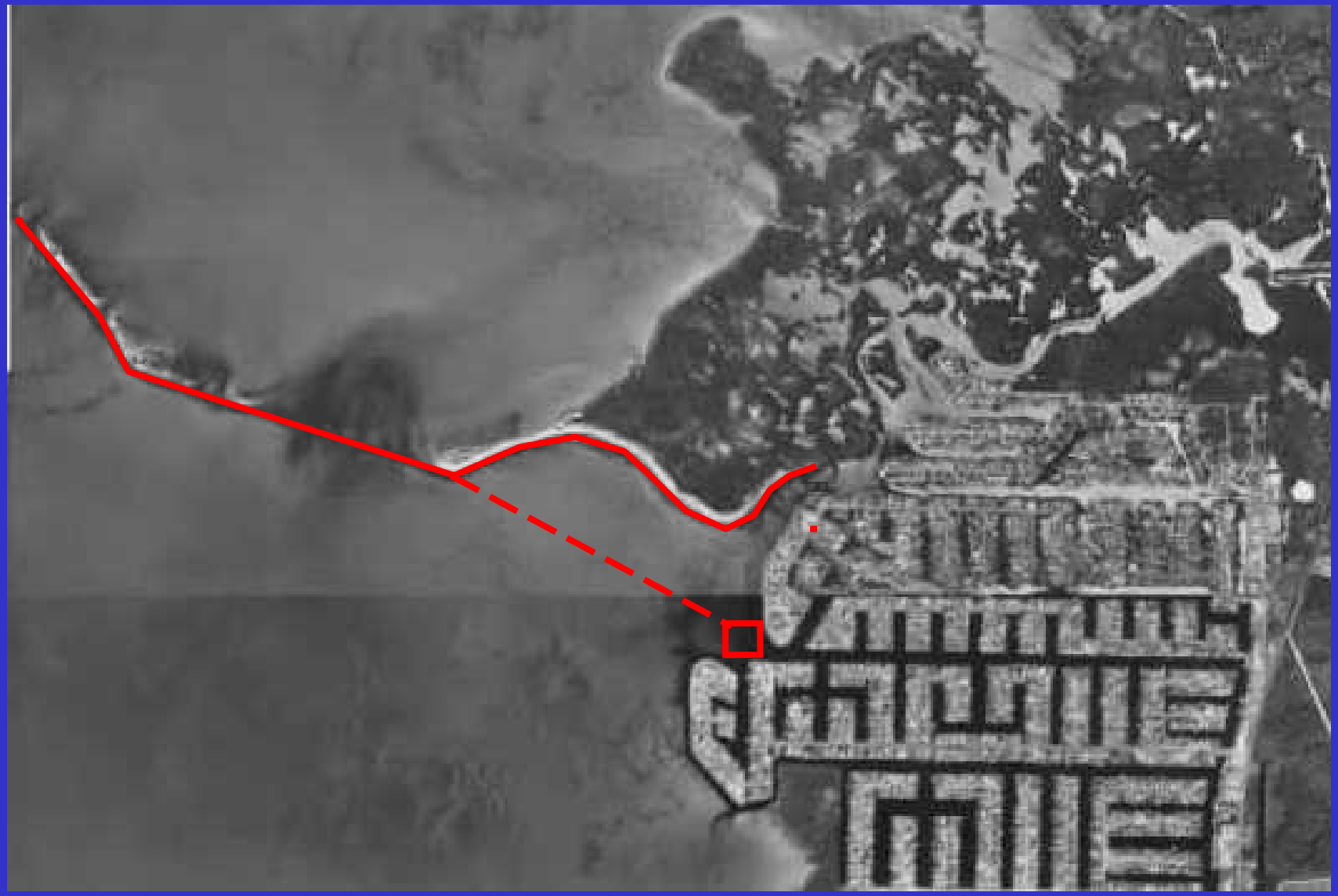
Engineering Data

- Channel design
  Alignment



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Product: Feasibility Report

- Tells the story of the study
- Contains a summary of data gathere
- Recommends Federal participation (or doesn't)
- Presents costs to construct project

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Federal Participation

- Channel must have more than one us
- Benefit to cost ratio > 1
  - -Benefits are quantified as $$$$
  - e.g., lost income, vessel damages
  - recreation use
- At least 50% of annualized costs mus
  - matched by <u>commercial</u> benefits

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Benefits

- Commercial or recreational
- Commercial fishing
  - Changes in net income
  - Reduced damages
- Recreational boating
  - Reduced damages

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Example

- **Construction cost: $4,000,000**

Includes: **Plans and specifications**
Real estate
Aids to navigation
Mitigation

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Our view

- **Cost per year**
  $4,000,000 ~ $275,000 per year for 50 years at 6 5/8%

- **Benefits per year**
  Need at least $275,000 per year
  Can be $137,500 commercial and $137,500 recreational

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Feasibility Study Funding

- To end of this FY: $375,000
- Expected total: $665,000

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Total Funding

- Reconnaissance Phase: $100,000 (Fe
- Feasibility Phase: $665,000 (Shared
- Construction: $4,000,000 (Shared 8
- Operations and Maintenance: ? (Fed

Expected total cost to county: $1,132,

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Scheduling

- Draft report: December 2000
- Report approval: June 2001
- Completion of plans and specificatio
  December 2001
- Construction: June 2002

CAUTION: SUBJECT TO CHANGE!

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THANK YOU